

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/801,897 B  
Source: IFW16  
Date Processed by STIC: 09/13/2006

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 09/13/2006

PATENT APPLICATION: US/10/801,897B

TIME: 14:07:52

Input Set : E:\PC20702C.txt

Output Set: N:\CRF4\09132006\J801897B.raw

3 <110> APPLICANT: Dasseux, Jean Louis  
 4       Sekul, Renate  
 5       Buttner, Klaus  
 6       Cornut, Isabelle  
 7       Metz, Gunther  
 9 <120> TITLE OF INVENTION: Apolipoprotein A-I agonists and their use to treat  
 dyslipidemic  
 10       disorders  
 12 <130> FILE REFERENCE: 9196-0032-999  
 14 <140> CURRENT APPLICATION NUMBER: US 10/801,897B  
 15 <141> CURRENT FILING DATE: 2004-03-15  
 17 <150> PRIOR APPLICATION NUMBER: US 09/865,989  
 18 <151> PRIOR FILING DATE: 2001-05-25  
 20 <150> PRIOR APPLICATION NUMBER: US 09/465,719  
 21 <151> PRIOR FILING DATE: 1999-12-17  
 23 <150> PRIOR APPLICATION NUMBER: US 08/940,093  
 24 <151> PRIOR FILING DATE: 1997-09-29  
 26 <160> NUMBER OF SEQ ID NOS: 258  
 28 <170> SOFTWARE: PatentIn version 3.3  
 30 <210> SEQ ID NO: 1  
 31 <211> LENGTH: 22  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Artificial Sequence  
 35 <220> FEATURE:  
 36 <223> OTHER INFORMATION: Synthetic Peptide  
 38 <220> FEATURE:  
 39 <221> NAME/KEY: MISC\_FEATURE  
 40 <222> LOCATION: (16)..(16)  
 41 <223> OTHER INFORMATION: Xaa = Naphthylalanine  
 43 <400> SEQUENCE: 1  
 W--> 44 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Xaa  
 45       1                       5                       10                       15  
 47 Leu Lys Gln Lys Leu Lys  
 48       20  
 51 <210> SEQ ID NO: 2  
 52 <211> LENGTH: 23  
 53 <212> TYPE: PRT  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: Synthetic Peptide  
 59 <400> SEQUENCE: 2  
 60 Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 61       1                       5                       10                       15  
 63 Leu Lys Gln Lys Leu Lys Lys

CP2-6-2)

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64          20
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68 <211> LENGTH: 22
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Synthetic Peptide
75 <400> SEQUENCE: 3
76 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Trp
77 1          5          10          15
79 Leu Lys Gln Lys Leu Lys
80          20
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 22
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Synthetic Peptide
91 <400> SEQUENCE: 4
92 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
93 1          5          10          15
95 Leu Lys Gln Lys Leu Lys
96          20
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 23
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetic Peptide
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108 <221> NAME/KEY: MISC_FEATURE
109 <222> LOCATION: (1)..(1)
110 <223> OTHER INFORMATION: Xaa = D-Pro
112 <400> SEQUENCE: 5
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114 1          5          10          15
117 Leu Lys Gln Lys Leu Lys Lys
118          20
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123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Synthetic Peptide
129 <220> FEATURE:
130 <221> NAME/KEY: MISC_FEATURE
131 <222> LOCATION: (13)..(13)
132 <223> OTHER INFORMATION: Xaa = Aib
134 <400> SEQUENCE: 6

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W--> 136 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala
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      139 Leu Lys Gln Lys Leu Lys
      140          20
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      144 <211> LENGTH: 22
      145 <212> TYPE: PRT
      146 <213> ORGANISM: Artificial Sequence
      148 <220> FEATURE:
      149 <223> OTHER INFORMATION: Synthetic Peptide
      151 <400> SEQUENCE: 7
      152 Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Asn Glu Leu Leu Glu Ala
      153 1          5          10          15
      155 Leu Lys Gln Lys Leu Lys
      156          20
      158 <210> SEQ ID NO: 8
      159 <211> LENGTH: 22
      160 <212> TYPE: PRT
      161 <213> ORGANISM: Artificial Sequence
      163 <220> FEATURE:
      164 <223> OTHER INFORMATION: Synthetic Peptide
      166 <400> SEQUENCE: 8
      167 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala
      168 1          5          10          15
      170 Leu Lys Gln Lys Leu Lys
      171          20
      174 <210> SEQ ID NO: 9
      175 <211> LENGTH: 22
      176 <212> TYPE: PRT
      177 <213> ORGANISM: Artificial Sequence
      179 <220> FEATURE:
      180 <223> OTHER INFORMATION: Synthetic Peptide
      182 <400> SEQUENCE: 9
      183 Pro Val Leu Asp Leu Phe Arg Glu Leu Gly Asn Glu Leu Leu Glu Ala
      184 1          5          10          15
      186 Leu Lys Gln Lys Leu Lys
      187          20
      189 <210> SEQ ID NO: 10
      190 <211> LENGTH: 22
      191 <212> TYPE: PRT
      192 <213> ORGANISM: Artificial Sequence
      194 <220> FEATURE:
      195 <223> OTHER INFORMATION: Synthetic Peptide
      197 <220> FEATURE:
      198 <221> NAME/KEY: MISC_FEATURE
      199 <222> LOCATION: (17)..(17)
      200 <223> OTHER INFORMATION: Xaa = Naphthylalanine
      202 <400> SEQUENCE: 10
      203 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala

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204 1          5          10          15
W--> 206 Xaa Lys Gln Lys Leu Lys
207          20
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211 <211> LENGTH: 22
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Synthetic Peptide
218 <400> SEQUENCE: 11
219 Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala
220 1          5          10          15
222 Leu Lys Gln Lys Leu Lys
223          20
226 <210> SEQ ID NO: 12
227 <211> LENGTH: 22
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Synthetic Peptide
234 <400> SEQUENCE: 12
235 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
236 1          5          10          15
238 Gly Lys Gln Lys Leu Lys
239          20
242 <210> SEQ ID NO: 13
243 <211> LENGTH: 22
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Synthetic Peptide
250 <400> SEQUENCE: 13
251 Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala
252 1          5          10          15
254 Leu Lys Gln Lys Leu Lys
255          20
258 <210> SEQ ID NO: 14
259 <211> LENGTH: 22
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Synthetic Peptide
266 <220> FEATURE:
267 <221> NAME/KEY: MISC_FEATURE
268 <222> LOCATION: (18)..(18)
269 <223> OTHER INFORMATION: Xaa = Orn
271 <220> FEATURE:
272 <221> NAME/KEY: MISC_FEATURE
273 <222> LOCATION: (20)..(20)

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Output Set: N:\CRF4\09132006\J801897B.raw

274 <223> OTHER INFORMATION: Xaa = Orn  
 276 <220> FEATURE:  
 277 <221> NAME/KEY: MISC\_FEATURE  
 278 <222> LOCATION: (22)..(22)  
 279 <223> OTHER INFORMATION: Xaa = Orn  
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 282 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 283 1 5 10 15  
 W--> 286 Leu Xaa Gln Xaa Leu Xaa  
 287 20  
 290 <210> SEQ ID NO: 15  
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 292 <212> TYPE: PRT  
 293 <213> ORGANISM: Artificial Sequence  
 295 <220> FEATURE:  
 296 <223> OTHER INFORMATION: Synthetic Peptide  
 298 <400> SEQUENCE: 15  
 299 Pro Val Leu Asp Leu Phe Arg Glu Leu Trp Asn Glu Leu Leu Glu Ala  
 300 1 5 10 15  
 302 Leu Lys Gln Lys Leu Lys  
 303 20  
 306 <210> SEQ ID NO: 16  
 307 <211> LENGTH: 22  
 308 <212> TYPE: PRT  
 309 <213> ORGANISM: Artificial Sequence  
 311 <220> FEATURE:  
 312 <223> OTHER INFORMATION: Synthetic Peptide  
 314 <400> SEQUENCE: 16  
 315 Pro Val Leu Asp Leu Leu Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 316 1 5 10 15  
 318 Leu Lys Gln Lys Leu Lys  
 319 20  
 322 <210> SEQ ID NO: 17  
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 324 <212> TYPE: PRT  
 325 <213> ORGANISM: Artificial Sequence  
 327 <220> FEATURE:  
 328 <223> OTHER INFORMATION: Synthetic Peptide  
 330 <400> SEQUENCE: 17  
 331 Pro Val Leu Glu Leu Phe Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala  
 332 1 5 10 15  
 334 Leu Lys Gln Lys Leu Lys  
 335 20  
 338 <210> SEQ ID NO: 18  
 339 <211> LENGTH: 22  
 340 <212> TYPE: PRT  
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 343 <220> FEATURE:  
 344 <223> OTHER INFORMATION: Synthetic Peptide

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/801,897B

DATE: 09/13/2006  
TIME: 14:07:53

Input Set : E:\PC20702C.txt  
Output Set: N:\CRF4\09132006\J801897B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 16  
Seq#:5; Xaa Pos. 1  
Seq#:6; Xaa Pos. 13  
Seq#:10; Xaa Pos. 17  
Seq#:14; Xaa Pos. 18, 20, 22  
Seq#:19; Xaa Pos. 1  
Seq#:21; Xaa Pos. 1  
Seq#:25; Xaa Pos. 13  
Seq#:27; Xaa Pos. 14  
Seq#:31; Xaa Pos. 13  
Seq#:32; Xaa Pos. 1  
Seq#:34; Xaa Pos. 5  
Seq#:38; Xaa Pos. 13  
Seq#:41; Xaa Pos. 13  
Seq#:42; Xaa Pos. 13  
Seq#:43; Xaa Pos. 13  
Seq#:44; Xaa Pos. 13  
Seq#:45; Xaa Pos. 13  
Seq#:46; Xaa Pos. 13  
Seq#:48; Xaa Pos. 1, 2  
Seq#:50; Xaa Pos. 13  
Seq#:51; Xaa Pos. 13  
Seq#:52; Xaa Pos. 13  
Seq#:58; Xaa Pos. 13  
Seq#:61; Xaa Pos. 13  
Seq#:62; Xaa Pos. 13  
Seq#:63; Xaa Pos. 13  
Seq#:64; Xaa Pos. 13  
Seq#:65; Xaa Pos. 12  
Seq#:68; Xaa Pos. 13  
Seq#:69; Xaa Pos. 13  
Seq#:70; Xaa Pos. 13  
Seq#:71; Xaa Pos. 14  
Seq#:72; Xaa Pos. 13  
Seq#:73; Xaa Pos. 13  
Seq#:74; Xaa Pos. 13  
Seq#:76; Xaa Pos. 13  
Seq#:77; Xaa Pos. 13  
Seq#:78; Xaa Pos. 13  
Seq#:81; Xaa Pos. 13  
Seq#:82; Xaa Pos. 11  
Seq#:83; Xaa Pos. 13  
Seq#:88; Xaa Pos. 13  
Seq#:89; Xaa Pos. 13

**RAW SEQUENCE LISTING ERROR SUMMARY**      DATE: 09/13/2006  
PATENT APPLICATION: **US/10/801,897B**      TIME: 14:07:53

Input Set : **E:\PC20702C.txt**  
Output Set: **N:\CRF4\09132006\J801897B.raw**

Seq#:90; Xaa Pos. 10  
Seq#:91; Xaa Pos. 13  
Seq#:92; Xaa Pos. 13  
Seq#:93; Xaa Pos. 13  
Seq#:95; Xaa Pos. 13  
Seq#:96; Xaa Pos. 13  
Seq#:101; Xaa Pos. 13



## VERIFICATION SUMMARY

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PATENT APPLICATION: US/10/801,897B

TIME: 14:07:53

Input Set : E:\PC20702C.txt

Output Set : N:\CRF4\09132006\J801897B.raw

L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16  
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16  
L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0  
L:789 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0  
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0  
L:979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0  
L:1101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:1155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:1176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0  
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0  
L:1240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0  
L:1293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0  
L:1314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0  
L:1335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0  
L:1356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0  
L:1377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0  
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0  
L:1419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0  
L:1457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0  
L:1478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0  
L:1499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0  
L:1552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0  
L:1575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0  
L:1596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0  
L:1687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:0  
L:1708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0  
L:1729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:0  
L:1750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:0  
L:1771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0  
L:1792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:0

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L:1829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:0  
L:1855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:0  
L:4392 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (233) SEQUENCE:  
L:4397 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (234) SEQUENCE:  
L:4402 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (235) SEQUENCE:  
L:4407 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (236) SEQUENCE: